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PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

GLASS LAMP MISSION G-928

26 NOVEMBER 1966

Declass Review By NIMA/DOD

NPIC/R-386/66
NOVEMBER 1966

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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W A R N I N G

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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GL MISSION G-928, 26 NOV 66

R-386/66

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-928, 26 NOV 66. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, AND 37MM), MEDIUM (57MM AND 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

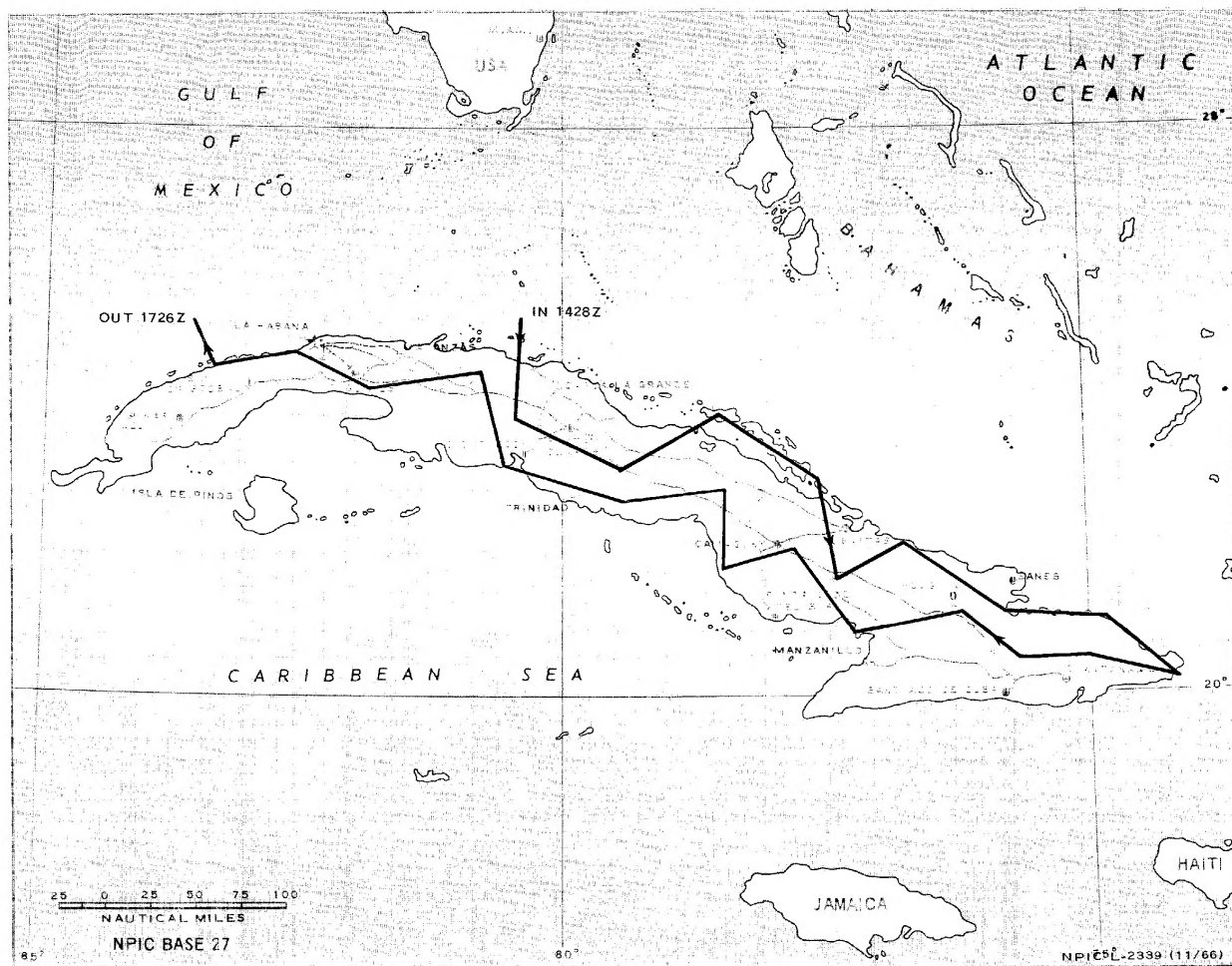
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85X1

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APPROXIMATE TRACK OF GLASS LAMP MISSION G-928, 26 NOVEMBER 1966.

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GL MISSION G-928, 26 NOV 66

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ITEMS OF SPECIAL INTEREST

A STATIC DISPLAY, SIMILAR TO ONE IN HAVANA REPORTED ON MISSION G-925, 12 NOV 66, IS OBSERVED IN CAMAGUEY (UTM 18QSU977654). DISPLAY CONTAINS -- 1 FAGOT/FRESCO, 1 HOUND, 3 TANKS/SP GUNS, 3 AAA PIECES, 1 PROBABLE MORTAR, 5 CARGO TRUCKS, AT LEAST 5 OTHER VEHICLES/PIECES OF EQUIPMENT, AND 3 LARGE AND 2 MEDIUM NON-SOVIET TENTS [REDACTED]

25X1D

MISSILES

25X1A

HOLGUIN SAM SITE B27-2

CU 2052N 07627W

OB -- 6 EMPLACED LAUNCHERS, 5 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED CENTRAL GUIDANCE AREA. SCATTERED CLOUDS AND OBLIQUITY LIMIT INTERPRETATION. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

MALDONADO SAM SITE A18-2

CU 2012N 07528W

OB -- 6 EMPLACED LAUNCHERS, 7 MISSILE TRANSPORTERS WITH EXPOSED MISSILES, A GUIDANCE RADAR WITH 5 ASSOCIATED VAN TRAILERS, AND 16 TRACKED PRIME MOVERS. ACTIVITY -- 1 HOUND ADJACENT TO THE OUTER RING ROAD. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

RANCHUELO SAM SITE A33-2

CU 2223N 08010W

PERMANENT SITE REMAINS UNDER CONSTRUCTION. OB (AT ADJACENT TEMPORARY SITE) -- 6 EMPLACED LAUNCHERS, AT LEAST 10 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, 1 TRUCK-MOUNTED CRANE, AND 3 OTHER VAN TRAILERS. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

SANTA CLARA SAM SITE A34-2

CU 2229N 08000W

PERMANENT SITE REMAINS UNDER CONSTRUCTION. OB (AT ADJACENT TEMPORARY SITE) -- 6 EMPLACED LAUNCHERS

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(2 WITH MISSILES), AN OCCUPIED CENTRAL GUIDANCE AREA, 8 PROBABLE MISSILE TRANSPORTERS, AND 11 OTHER VEHICLES. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D



25X1A

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W

OB -- 6 EMPLACED LAUNCHERS (2 WITH MISSILES), 8 PROBABLE TRANSPORTERS, A GUIDANCE RADAR WITH 6 ASSOCIATED VAN TRAILERS, AND 16 OTHER VEHICLES. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D



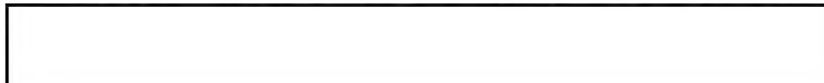
CONSTANCIA SAM SITE A10-2

CU 2214N 08030W

OB -- 6 EMPLACED LAUNCHERS, 7 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, 8 AT-S TRACKED PRIME MOVERS, 1 TRUCK-MOUNTED CRANE, AND 31 OTHER VEHICLES.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D



LA MAYA SAM SITE

CU 2014N 07540W

25X1D



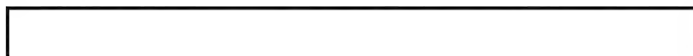
AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD

CU 2229N 07956W

OB -- 12 FAGOT/FRESCO, 1 SMALL STRAIGHT-WING, AND 1 HOUND.

25X1D



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R-386/66 25X1A

CAMAGUEY INTERNATIONAL AIRFIELD

CU 2125N 07750W

OB -- 5 FAGOT/FRESCO, 1 COKE, 1 C-46, AND 12 HOUND.

25X1D

HOLGUIN AIRFIELD

CU 2047N 07618W

OB -- 1 FAGOT/FRESCO, 1 COKE, AND 1 PROBABLE COKE
OBSERVED IN CLOUD-FREE AREAS.

25X1D

CORONEL PASCUAL AIRFIELD

CU 2307N 08117W

OB -- NONE OBSERVED.

25X1D

SAN ANTONIO DE LOS BANOS AIRFIELD

CU 2252N 08230W

OB -- 2 FISHBED, 2 FARMER, AND 12 FAGOT/FRESCO.

25X1D

JAIME GONZALES AIRFIELD

CU 2209N 08024W

OB -- 1 COOT WITHOUT OUTER WING PANELS.

25X1D

NAVAL ACTIVITY/PORTS

CABANAS NAVAL BASE

CU 2258N 08258W

OB -- 9 KOMAR-CLASS PTG.

25X1D

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CIENFUEGOS NAVAL BASE

CU 2208N 08027W

OB -- 2 KRONSTADT-CLASS PC, 7 P-6-CLASS PT (2 ON
MARINE RAILWAY), AND 3 YP.
OTHER VESSELS -- 1 LARGE FREIGHTER.

25X1D



NUEVITAS PORT

CU 2132N 07715W

OB -- 2 LARGE FREIGHTERS AND 1 SMALL FREIGHTER.

25X1D

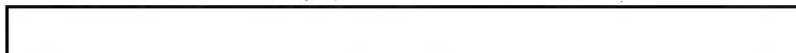


CARDENAS PORT

CU 2302N 08111W

VESSELS -- 1 LARGE FREIGHTER.

25X1D

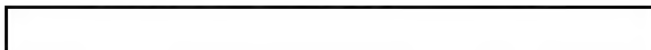


CASILDA PORT

CU 2145N 07959W

VESSELS -- NONE OBSERVED.

25X1D



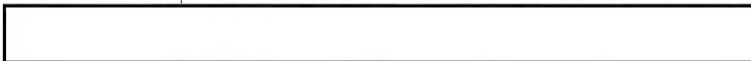
MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP

CU 2029N 07600W

OB -- 29 CANVAS-COVERED TANKS/SP GUNS, 17 PROBABLE
CANVAS-COVERED APC, 12 FA/AAA PIECES, 48 CARGO TRUCKS,
AND 4 VAN TRUCKS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D



DOS CAMINOS MILITARY CAMP

CU 2014N 07547W

OB -- 37 FA PIECES, 12 AAA PIECES, AND 57 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D



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GUANTANAMO AREA

CU 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED.
AREA 1 -- 25 PERCENT USEABLE COVERAGE.
AREAS 2, 6 AND 9 -- 10 PERCENT USEABLE COVERAGE.
AREA 3 -- 55 PERCENT USEABLE COVERAGE.
AREAS 4, 5, 7 AND 8 -- NO USEABLE COVERAGE.

25X1D

SANTIAGO DE LAS VEGAS MILITARY CAMP

CU 2258N 08220W

OB -- AT LEAST 50 VEHICLES OBSERVED IN CLOUD-FREE
AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

ANTON RECIO MILITARY INSTALLATION

CU 2211N 08036W

OB -- 7 TANKS/SP GUNS AND 2 CARGO TRUCKS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CAMAGUEY MILITARY CAMP

CU 2126N 07753W

OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CANTEL MILITARY CAMP

CU 2302N 08119W

OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CORRALILLO MILITARY AREA

CU 2301N 08038W

OB -- NONE OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

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25X1D



25X1A

JURAGUA MILITARY ACTIVITY

CU 2209N 08035W

OB -- 5 FA PIECES/MORTARS AND 5 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D



25X1B

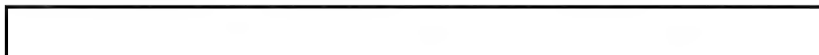


LIMONAR MILITARY CAMP SE

CU 2255N 08124W

OB -- 12 CARGO TRUCKS, 3 UTILITY TRUCKS, AND 1 SEDAN.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

25X1D

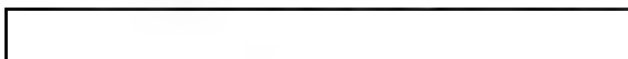


SANTA CLARA ARTILLERY TRAINING AREA

CU 2222N 08000W

OB -- 5 FA PIECES, 11 CARGO TRUCKS, 4 OTHER VEHICLES,
AND 18 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D

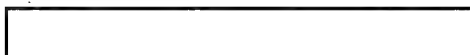


SANTA CLARA MILITARY ACTIVITY

CU 2220N 07957W

OB -- 7 CARGO TRUCKS AND 4 OTHER VEHICLES/PIECES OF
EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D



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SANTA CLARA MILITARY CAMP CUBANACAN

CU 2224N 07952W

OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTA CLARA MILITARY CAMP SOUTH

CU 2222N 07958W

OB -- 37 PROBABLE CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

LAS MERCEDES VEHICLE PARK

CU 2224N 08001W

OB -- 13 PROBABLE TRACKED PRIME MOVERS, 16 VAN TRUCKS,
AND 48 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

25X1D

LA CHARCA MILITARY ACTIVITY

CU 2246N 08036W

OB (MAIN CAMP) -- AT LEAST 35 FA PIECES, 57 CARGO
TRUCKS, AND 18 OTHER VEHICLES.
OB (CAMP 2.0 NM SOUTH) -- 17 TANKS/SP GUNS AND 13 CARGO
TRUCKS.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
AREA CONTAINS 49 COMPLETED BARRACKS/SUPPORT BUILDINGS,
SEVERAL SMALL SUPPORT BUILDINGS, 2 BUILDING
FOUNDATIONS, 65 LARGE TENTS, AND 78 MEDIUM TENTS. THE
11 ARCH-ROOFED DRIVE-THROUGH BUNKERS REMAIN UNDER
CONSTRUCTION.

25X1D

CIENFUEGOS MILITARY ACTIVITY

CU 2209N 08027W

OB -- 8 FA PIECES AND 13 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

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25X1A

CONDADO PROBABLE MILITARY INSTALLATION CU 2152N 07951W

OB -- 13 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CIENFUEGOS LANDING BEACH

CU 2202N 08036W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

ENSENADA COLORADO LANDING BEACH

CU 2202N 08025W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

GANUZA LANDING BEACH

CU 2305N 08030W

NO MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

LIMONAR TANK TRAINING AREA

CU 2254N 08121W

NO COMOR

OB -- 17 TANKS/SP GUNS AND 7 CARGO TRUCKS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

25X1D

CAMAGUEY MILITARY ACTIVITY NE

CU 2127N 07750W

NO COMOR

6 NM NE OF CAMAGUEY AT 21-27-30N 077-50-00W (UTM
18QTU062752).

FACILITIES CONSIST OF 6 LARGE NON-SOVIET TENTS.

OB -- 9 FA PIECES, 3 PROBABLE FA PIECES, 9 CARGO
TRUCKS, 4 OTHER VEHICLES, AND 3 SMALL CARGO TRAILERS.
(MAP REFERENCE -- AMS SERIES E723, SHEET 4680-III, 2D
ED).

25X1D

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-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

[] RANCHO LUNA LOW SIEVE RADAR SITE

2202N 08025W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

[] HOLGUIN AIRFIELD SAM SITE

2046N 07619W

LOS CANOS AIRFIELD

2005N 07509W

MATANZAS PORT

2302N 08134W

SURGIDERO DE BATABAND PORT

2241N 08217W

SANTA CLARA EW/GCI RADAR SITE

2229N 07956W

PUNTA MAISI LOW SIEVE RADAR SITE

2014N 07409W

SAN MIGUEL EW/GCI RADAR SITE

2229N 07953W

HOLGUIN MILITARY CAMP NW

2057N 07616W

OFELIA MILITARY CAMP

2006N 07530W

PLAYA YATERITAS LANDING BEACH

1958N 07457W

NICARO LANDING BEACH

2042N 07533W

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